

~~CONFIDENTIAL~~  
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SAC, Pittsburgh (97-123-Sub 2)

9/17/68

Director, FBI (117-2564) -

1 -

b6  
b7C

REC- 51

(U) ~~IS - ISRAEL~~ ~~IS - ISRAEL~~ ~~IS - ISRAEL~~  
DREX 110  
ZALMAN MORDECAI SHAPIRO  
ATOMIC ENERGY ACT

APPROPRIATE AGENCIES  
AND FIELD OFFICES  
ADVISED BY ROUTING  
SLIP (S) OF clear  
DATE 7/9/82

Reurlet 9/6/68.

Provided full security assured, authority is granted  
to [redacted] This should be done on  
a personal and strictly confidential basis through your  
established source [redacted]

b7D

No grand jury subpoena is being used in this  
instance due to the sensitive nature of the investigation.

HDC:sib  
(4)

103063 #390758  
CLASSIFIED BY N160240 BCE/mir/176  
DECLASSIFY ON: 25X 6

4-24-83  
Classified by 546854D/K  
Declassify on: OADN

NOTE:

(U) Subject is head of Nuclear Materials and Equipment  
Corporation, Apollo, Pennsylvania, which processes U-235. In  
the past he has been in contact with Israeli Government officials,  
particularly those in the Israeli Atomic Energy Commission, and,  
in fact, in 1965 formed a joint company in Israel with prominent  
officials of the Israeli Atomic Energy Commission for the purpose  
of irradiation of fruits and vegetables. At the request of the  
Attorney General we have instituted investigation to determine  
the nature and extent of subject's relationship with the Government  
of Israel with the purpose in mind of determining whether the  
subject is acting as an agent for the Israeli Government. (U) (S)

Pittsburgh has advised that full security is assured  
with respect to [redacted]

ALL INFORMATION CONTAINED  
HEREIN IS UNCLASSIFIED  
EXCEPT WHERE SHOWN  
OTHERWISE

- Tolson
- DeLoach
- Mohr
- Bishop
- Casper
- Callahan
- Conrad
- Felt
- Gale
- Rosen
- Sullivan
- Tavel
- Trotter
- Tele. Room
- Holmes
- Gandy

MAILED 27  
SEP 17 1968  
COMM-FBI

Class. & Ext. By SP-1 GSK/RB6  
Reason - FCIM II, 1-2.4.2  
Date of Review 9-17-88  
217,822 4-28-82

61 SEP 26 1968

TELETYPE UNIT

~~CONFIDENTIAL~~  
~~SECRET~~

~~CONFIDENTIAL~~

Date of Mail

9-19-68

Has been removed and placed in the Special File Room of Records Branch.

~~(S)~~ (U)

#03A0758  
DECLASSIFIED BY AUC60290 BCE/m 4/16  
ON 10/6/03

See File 66-2554-7530 for authority.

Subject

JUNE MAIL

Mr. Zalman Mordchai Shapiro

Removed By

6 SEP 26 1968

File Number

117-2564-70

Class. &amp; Ext. By

Reason - FCIM II

Date of Review

SP-1 GSK/BB6

T-2423

217,822

4-28-82

Permanent Serial Charge Out

~~CONFIDENTIAL~~

Classified by

567 SLD/109

Declassify on:

OOR

4-25-85

~~CONFIDENTIAL~~Date of Mail 4-25-68

Has been removed and placed in the Special File Room of Records Branch.

#03R0758  
 DECLASSIFIED BY AX 60290 BCE/mlt/j16  
 OF 10/7/03

See File 66-2554-7530 for authority.

Subject JUNE MAIL Dr. Zalman Mordical ShapiroRemoved By 9800T3 1968

Class. & Ext. By JR-16SKIRB6  
 Reason - FCIM 1.2.4.2  
 Date of Review 4-25-82

File Number 117-2564-76

Classified by 565/SLD/KD  
 Declassify on: OADR  
4-25-85

Permanent Serial Charge Out

~~CONFIDENTIAL~~

~~CONFIDENTIAL~~Date of Mail 9-25-68

Has been removed and placed in the Special File Room of Records Branch.

#03R0758  
DECLASSIFIED BY HW 60290 BCE/MLT/STG  
ON 10-7-03

See File 66-2554-7530 for authority.

Classified by SP-16SKYRB6  
Declassify on: OADR 4-25-85

Subject JUNE MAIL Mr. Zalman Mendel ShapiroRemoved By 980674 1968File Number 117-2564-78Class. & Ext. By SP-16SKYRB6Reason - FCIM II, 1-2.4.2 2+3Date of Review 2-25-88217,822

4-28-82  
Permanent Serial Charge Out

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UNITED STATES DEPARTMENT OF JUSTICE  
FEDERAL BUREAU OF INVESTIGATION

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Pittsburgh, Pennsylvania

In Reply, Please Refer to  
File No.

October 17, 1968

10/7/03 #03R758  
AUC 60290 BCE/mlr/276  
1,6

DR. ZALMAN MORDECAI SHAPIRO

(U) Investigation was instituted at the request of the Attorney General to establish the nature and extent of Zalman Mordecai Shapiro's relationship with the Government of Israel. This could be connected with, or in addition to, or as a result of, his association with Israeli officials and sympathizers in the United States.

On September 6, 1968, Clem Palazzolo, Security Office, Atomic Energy Commission (AEC), Germantown, Maryland, advised that AEC, New York City, had recently been requested by the following individuals to visit Nuclear Materials Equipment Corporation (NUMEC), Apollo, Pa.: (U) (u)

Avraham Hermoni, Scientific Counselor,  
Israeli Embassy, Washington, D. C.;

Dr. Ephraim Biegun, Department of Electronics,  
Israel, born [redacted]

Avraham Bender, Department of Electronics,  
Israel, born [redacted]

Raphael Eitan, Chemist, Ministry of Defense,  
Israel, born [redacted], in [redacted].

On September 26, 1968, Clem Palazzolo, supra, made available a copy of a letter dated September 12, 1968, from [redacted] Manager, Security, NUMEC, Apollo, Pa., to Harry R. Walsh, Director, Security & (u) (u)

This document contains neither recommendations nor conclusions of the FBI. It is the property of the FBI and is loaned to your agency; it and its contents are not to be distributed outside your agency.

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HEREIN IS UNCLASSIFIED  
EXCEPT WHERE SHOWN  
OTHERWISE

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GROUP 1

Excluded from automatic  
downgrading and  
declassification

ass. & Ext. By SP-1 GSK/RBE  
ason - FCIM II, 2-2.4.2, 2-1.3  
ite of Review 10-17-88  
217,822 5-5-82

ENCLOSURE

~~SECRET~~

362 vrtine

8-25-88  
56682 LP/KP  
8-26-85

UNCLASSIFIED  
PER DOC  
SP-4 1/25/83  
11/25/83

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SP-4 Jim/alm  
2,3  
10/17/88  
7/16/81

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DR. ZALMAN MORDECAI SHAPIRO

Property Management Division, United States Atomic Energy Commission, New York Operations Office, 376 Hudson Street, New York, New York, 10014, which read as follows:

"Dear Mr. Walsh:

"Your permission is hereby requested for the visit of a non-citizen of the United States to Nuclear Materials & Equipment Corporation's facilities. The information relative to this visit is as follows:

- a. Full name of the visitor: 1. Dr. Abraham Hermoni  
2. Mr. Ephraim Biegun
- b. Date and place of birth: 1.   
2.
- c. Citizenship: Israeli
- d. Visitor's affiliation and position (company or government organization name):  
1. Israeli Embassy - Scientific Councilor  
2. Israeli Ministry of Defense - Group Leader, Dept. of Electronics
- e. Proposed dates of visit: September 10, 1968
- f. Purpose of visit: Discuss thermoelectric devices (unclassified)
- g. Areas to be visited: Energy Conversion Laboratory
- h. Names of NUMEC personnel to be contacted: Z. M. Shapiro

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PER DOE  
LETTER  
7/29/82  
SP-4 ely/elm  
11/25/83

- 2 -

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DR. ZALMAN MORDECAI SHAPIRO

"i. NUMEC official recommending  
visit approval: Z. M. Shapiro

"Please advise me of your approval action. Thank  
you very much for your cooperation."

On October 7, 1968, Clem Palazzolo, supra,  
made available a copy of a letter dated September 27,  
1968, from [redacted] supra, to Harry R. Walsh, supra,  
which read as follows:

"Dear Mr. Walsh:

"Reference your telephone call concerning the  
September 10 visit of Messrs. Hermoni, Bendor,  
Eitan and Biegun, Israeli citizens. Please  
be advised of the following.

"The above mentioned gentlemen met with Dr.  
Shapiro, [redacted] and  
[redacted] with the exception of Dr. Shapiro,  
all of the NUMEC personnel are in our Energy  
Conversion Department and are thermoelectric  
generator specialists.

"Discussion with the Israeli nationals  
concerned the possibility of developing plutonium  
fueled thermo-electric generator systems in the  
5 and 50 milliwatt power level. Specifically,  
they were interested in 10 generators in the 5  
milliwatt range. Each of which would be fueled  
with about 2 grams of plutonium. The 50 milliwatt  
generator is considered a remote possibility,  
but would use approximately 20 grams of plutonium.  
The generators are of the terrestrial type.

"We are proceeding to make a proposal to these  
gentlemen for this work using, of course, only  
unclassified information which is already in the  
public domain. It is also our understanding  
that these same gentlemen have visited several of  
the major nuclear organizations in the United States  
to develop proposals from them on these items.

"I trust this satisfies your needs."

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PER DOE  
LETTER 7/29/82  
SP-4 elw/alm  
11/25/83

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DR. ZALMAN MORDECAI SHAPIRO

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(U) ~~(S)~~ ~~(C)~~ [On October 6, 1968, a second source, [redacted] furnished reliable information in the past, advised that subject contemplates visiting Israel during the latter part of November, 1968, for a period of approximately two weeks. Source said he was unable at this time to explain the purpose of subject's visit, but was of the opinion subject owned property in Israel. Source said that he based this opinion on a comment made by subject's sister, Zipporah Schefrin. Source could not elaborate further on this matter.] ~~(S)~~ ~~(C)~~ ~~(S)~~

(U) Source advised that he recently ascertained that Zipporah Schefrin, who is believed residing with her husband, Dr. Alex Schefrin, at [redacted] New Jersey, was planning to leave New York City on October 10, 1968, for Israel accompanied by a group of approximately 63 individuals. ~~(S)~~ ~~(C)~~ ~~(S)~~

(U) ~~(S)~~ ~~(C)~~ [On October 6, 1968, a third source, [redacted] who has furnished reliable information in the past, reported that subject recently requested his sister, Zipporah Schefrin, to contact [redacted] during her October, 1968, visit to Tel Aviv, Israel, for the purpose of extending his greetings to [redacted]. According to source, subject described [redacted] as being a very interesting and extraordinary person. Source said Zipporah was further requested to be sure to contact one Dr. Ernst Lubin (phonetic) who was reportedly born in Argentina and a very interesting individual. Source revealed that in addition to the aforementioned names, subject furnished Zipporah a list of names and telephone [redacted] ~~(S)~~ ~~(C)~~ ~~(S)~~

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DR. ZALMAN MORDECAI SHAPIRO

(U) [numbers of other people he desired her to contact while in Israel. Source stated that he was not in a position to observe this list] ~~(S)~~ ~~(C)~~ ~~(S)~~

(U) [redacted] Source recalled that subject's wife, [redacted] recently mentioned the fact that a [redacted] had visited their Pittsburgh home during the Summer of 1968. ~~(S)~~ ~~(C)~~ ~~(S)~~

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(U) ~~(S)~~ [On March 25, 1968,] first source advised

(S)

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~~(S)~~ ~~(C)~~ ~~(S)~~ On October 13, 1968, a fourth source, who has furnished reliable information in the past, advised that to date, he has heard of no plans on the part of the subject to leave the United States for the purpose of visiting a foreign country. This source stated that David Lowenthal, President of Raychord Corporation, Apollo, Pa., and a long-time personal friend of Shapiro, made two recent trips to Israel, but that Lowenthal has not discussed the purpose of these visits to Israel. ~~(S)~~ ~~(C)~~ ~~(S)~~

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~~CONFIDENTIAL~~  
OPTIONAL FORM NO. 10  
MAY 1962 EDITION  
GSA FPMR (41 CFR) 101-11.6

UNITED STATES GOVERNMENT

# Memorandum

EXEMPTED FROM AUTOMATIC  
DECLASSIFICATION  
AUTHORITY DERIVED FROM:  
FBI AUTOMATIC DECLASSIFICATION GUIDE  
EXEMPTION CODE 25X(1,6)  
DATE 09-26-2008

APPROPRIATE AGENCIES  
AND FIELD OFFICES  
ADVISED BY ROUTING  
SLIP(S) OF *Class*  
DATE *11/17/81*

**SECRET**

TO : DIRECTOR, FBI (117-2564)

FROM : SAC, PITTSBURGH (97-123) (P)

SUBJECT: DR. ZALMAN MORDECAI SHAPIRO  
(U) IS - ISRAELI  
ATOMIC ENERGY ACT

DATE: 10/17/68

*10-703 #03R0758*  
CLASSIFIED BY *AX 6226 BCE/mlt/JTG*  
DECLASSIFY ON *20X 1,6*

*58-4 Jmdalm*  
*10/17/88*  
*2,3*  
*7/16/81*  
*Comp. # 204/45X*

Re Pittsburgh letter to Bureau, dated 10/3/68,  
Pittsburgh airtel to Bureau, dated 10/10/68, and Knoxville  
letter to Bureau, dated 10/8/68.

Enclosed herewith for the Bureau are five (5)  
copies of LHM dated and captioned as above. Two (2)  
copies of LHM are being furnished New York, Philadelphia,  
and Washington Field Offices.

Enclosed LHM is being classified "Secret" since  
an unauthorized disclosure of a FBI investigation of the  
subject could be detrimental to the national security  
interests of this Government.

[redacted]  
and a confidential source in this matter, has been on vacation  
since submission of last LHM.

SA [redacted] on 10/13/68. Pa., was contacted by

Referenced Knoxville letter to the Bureau revealed  
that telephone number 615-483-8611, which was contacted by  
subject on 6/4/68, is the official Atomic Energy Commission  
telephone number at Oak Ridge, Tennessee, which includes  
the plants operated by Union Carbide Corporation, Nuclear  
Division at Oak Ridge, Tennessee.

- 2-Bureau (Encs. 5) (RM)
- 2-New York (105-75538) (Encs. 2) (RM)
- 2-Philadelphia (105-15642) (Encs. 2) (Info) (RM)
- 2-Washington Field (97-1799) (Encs. 2) (RM)
- 2-Pittsburgh (C)

DFW/psa  
(10)

**SECRET**

Buy U.S. Savings Bonds Regularly on the Payroll Savings Plan

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EXCEPT WHERE SHOWN  
OTHERWISE

5010-108-02

APPROPRIATE AGENCIES  
AND FIELD OFFICES  
ADVISED BY ROUTING  
SLIP(S) OF *Class*  
DATE *11/17/81*

AGENCY *STATE DEPT. AEC (Hearings)*  
REQ. REC'D *200*  
DATE FORW. *12/15/68*  
BY *J.F. B. H.C.*

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b7C  
b7D

b1

b2

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~~13X036~~

PG 97-123

Source

Location

(C)

First source is [redacted]

PG 97-123, 124, 136, 137

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b2

b6

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b7D

(C)

Second and third sources are [redacted]

(U)

Fourth source is [redacted]

Enclosed LHM

(By request)

LEADS

: PITTSBURGH

AT PITTSBURGH, PA. (ALLEGHENY COUNTY)

Will follow and report subject's activities.

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